

METHOD OF FIREBRICK USE WITH FLY ASH

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Abstract of KR9311260

A fly ash brick is produced by (1) mixing 70~80 wt.% fly ash having more silicon oxide than aluminum oxide, 15~25 wt.% clay having at least more than 60% kaoline mineral and 5 wt.% gypsum anhydride with 30~45 wt.% water, (2) molding the said mixture by pressing or extruding method, (3) drying in the temperature range of 60~70°C for 3~5 hours, and (4) sintering in 1,050~1,100°C for 4~6 hours. The used fly ash is pulverized less than 200 meshes. The obtained brick has a dense structure, good hardness and good water protection.

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